Amendments to the Claims:

The listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-23 (cancelled)

Claim 24 (Currently amended) A sheath in combination with a vasoocclusive device, the vasoocclusive device including an assembly of a flexible pusher member having a distal end, and an embolic coil at the distal end of the flexible pusher member configured ~~to be loaded into a microcatheter for insertion into a portion of a vasculature for occluding a portion of the vasculature~~ for use in interventional therapy and vascular surgery, the flexible pusher member having an unused segment ~~when the flexible pusher member is loaded into the microcatheter~~, the sheath comprising:

a hollow, elongated tubular member having a distal end, opposing upper and lower walls, opposing side walls, and a longitudinal interior channel; and

a longitudinal slot formed ~~in the upper~~ one wall of the elongated tubular member and extending a majority of the length of elongated tubular member configured to allow the distal end of the hollow, elongated tubular member to be pulled off the flexible pusher member, a proximal segment of the ~~upper~~ corresponding wall of the elongated tubular member being without a slot, the slot having opposing sides with inner side surfaces extending through the upper wall of the elongated tubular member leading to the interior channel permitting introduction of the pusher member into the interior channel and removal of the sheath from the pusher member, wherein the upper wall of the elongated tubular member adjacent to the slot has a V-shaped configuration on the outside surface of the hollow, elongated tubular member, the proximal segment of the elongated tubular member without a slot remaining attached to the

unused segment of the flexible pusher member to facilitate initiation of loading of the flexible pusher member into the sheath.

Claim 25 (Previously presented) The sheath of Claim 24, wherein the V-shaped configuration on the outside surface of the hollow, elongated tubular member has opposing exterior surfaces forming an interior angle of about 110° to 150°.

Claim 26 (Currently amended) The sheath of Claim 24, wherein the ~~lower~~ wall of the hollow, elongated tubular member opposite to the slot is about 0.002 to 0.004 inches thick to allow the ~~opposing~~ sides of the slot of the hollow, elongated tubular member to flex ~~outwardly~~ apart to allow the slot to open to accept the vasoocclusive device.

Claim 27 (Original) The sheath of Claim 24, wherein the hollow, elongated tubular member is formed from a thermoplastic material.

Claim 28 (Original) The sheath of Claim 24, wherein the hollow, elongated tubular member is formed from a high density polyethylene.

Claim 29 (Previously presented) The sheath of Claim 24, further comprising wing members extending outwardly from the V-shaped configuration on the outside surface of the hollow, elongated tubular member to facilitate insertion of the vasoocclusive device into the sheath.

Claim 30 (Previously presented) The sheath of Claim 29, wherein the wing members of the V-shaped configuration on the outside surface of the hollow, elongated tubular member have opposing exterior surfaces forming an interior angle of about 110° to 150°.